INDIAN SCHOOL AL GHUBRA

CLASS XI COMPUTER SCIENCE 2023-2024

DATE: 08-05-2023 , MONDAY

LAB ASSIGNMENT 9

Tickets are sold for a concert at $20 each. If 10 tickets are bought then the discount is 10%,

if 20 tickets are bought the discount is 20%. No more than 25 tickets can be bought in a

single transaction. Write a Python program to calculate the cost of buying a given number

of tickets.

Use test data with values of:

0, 26 Expected results rejected

1, 25 Expected results 20, 400

9, 10 Expected results 180, 180

19, 20 Expected results 342, 320

LAB ASSIGNMENT 10

The Vande Bharat Express, formerly known as Train 18, is an electric multiple-unit train operated by Indian Railways. The train travels from New Delhi all the way to Una, Himachal Pradesh with stops at Ambala, Chandigarh and Anandpur Sahib. A group may choose any one of the destinations.

The charges per person for various destinations are as follows:

|  |  |
| --- | --- |
| Destination | Charge(in Rs) per adult |
| Ambala | 500 |
| Chandigarh | 800 |
| Anandpur Sahib | 900 |

The Python program should calculate the Net amount.

• Total charge is calculated after considering the fact that kids below 12 are charged only 20% of the adult charge.

• If the Total charge exceeds Rs 10,000 then the group gets a 15% discount on the Total

charge.

• Net Payable Amount=Total charge-Discount amount.

Your program should have the appropriate input messages and display all the outputs neatly with appropriate messages.

LAB ASSIGNMENT 11

Create a computer application in Python that asks the user for the number of calls and computes the monthly phone costs according to the following principle:

The first 100 calls are charged Rs 200.

The next 50 calls will be charged an additional amount of Rs.0.60 / call

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If the number of calls exceed 200, there is an additional charge of Rs 0.40/call.